

# SAHIL CHOUKSEY

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JABALPUR, IN

## EXPERIENCE

**Full Stack Developer (Promoted) | SV (Suryavanshi Ventures)** *July 2023 - Nov 2025*  
*Led backend for BRIO AI and enterprise apps* *Jabalpur, India*

- **BRIO Health AI:** Built agentic search engine using **LangGraph**, **Vertex AI RAG**, **Gemini-2.5-Flash**
- Reduced PDF processing time by **60-65%** with custom OCR and intelligent chunk processing
- Built backend systems for Research Studio, Paper Vault, AI Notebook, AI Transcribe with RAG capabilities
- Implemented **Mem0.ai** memory system, achieving **2X better response quality** through state management
- **Serma Event Management:** Led Finance system with **Stripe webhooks**, automated invoice generation
- **Zuno Training:** Built canvas-based course creation with **D3.js**, unified multimedia interface
- **Whisp Landing Page:** Optimized UI with **Tailwind CSS**, improved load time by **50%** (4s to 2s)

**Software Developer (Promoted) | TVM Consulting Private Limited** *Aug 2022 - July 2023*  
*Engineered healthcare platforms and analytics systems* *India*

- **Doct App:** Built healthcare platform with **Golang/GIN**, **Next.js 13**, **PostgreSQL**, achieving **4X faster APIs**
- Implemented role-based access control, encrypted database entries for healthcare compliance
- Developed patient document management with S3 integration, enabling progress monitoring
- **Salesman Analytics:** Created admin dashboard with **Vite + React.js**, automated MARG ERP extraction
- Improved salesman experience by **50%** eliminating paper-based orders, real-time price transparency
- **Pose Detection:** Developed CNN and MediaPipe solution for posture analysis with custom datasets

## SKILLS

**Languages & Frameworks:** JavaScript/TypeScript | Python | Go | Next.js | React.js | Node.js | LangChain/LangGraph

**AI/ML & Cloud:** Vertex AI | RAG Architecture | LLM Integration | Google Cloud | S3/GCS | Gemini APIs

**Databases & DevOps:** PostgreSQL | MongoDB | Redis | Docker | Git/GitLab CI/CD | Linux

**Technical Skills:** Full-Stack Development | API Design (RESTful) | Payment Integration | Healthcare Compliance

## EDUCATION

**Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV)** | *GPA: 7.8/10* *July 2024 - Aug 2026*  
**Master of Computer Applications** | *Computer Science and Engineering* *Bhopal, India*

**Makhanlal Chaturvedi University** | *GPA: 7.9/10* *July 2020 - Aug 2023*  
**Bachelor of Computer Applications** | *Computer Applications* *Bhopal, India*

## CERTIFICATIONS

- **React Native - The Practical Guide** - Udemy
- **NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)** - Udemy